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General Purpose Motors

Model No: 284TSTDBD6004
Catalog No: GT0369

General Purpose Motor, 30 & 25 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 284TSC Frame, DP

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Product Information Packet: Model No: 284TSTDBD6004, Catalog No: GT0369 General Purpose Motor, 30 & 25 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 284TSC Frame, DP

Nameplate Specifications

Phase	**3**	Output HP	**30 & 25 Hp**
Output KW	**22.4 & 18.7 kW**	Voltage	**230/460 & 190/380 V**
Speed	**3562 & 2960 r/min**	Synchronous RPM	**3600 & 3000 r/min**
Service Factor	**1.15 & 1.15**	Frame	**284TSC**
Enclosure	**Drip Proof**	Thermal Protection	**No Protection**
Efficiency	**91.7 & 91 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**71.5/35.5 & 71.5/36 A**
Power Factor	**87**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**F**	Drive End Bearing Size	**6211**
Opp Drive End Bearing Size	**6211**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**22**	Number of Speeds	**1**

Technical Specifications

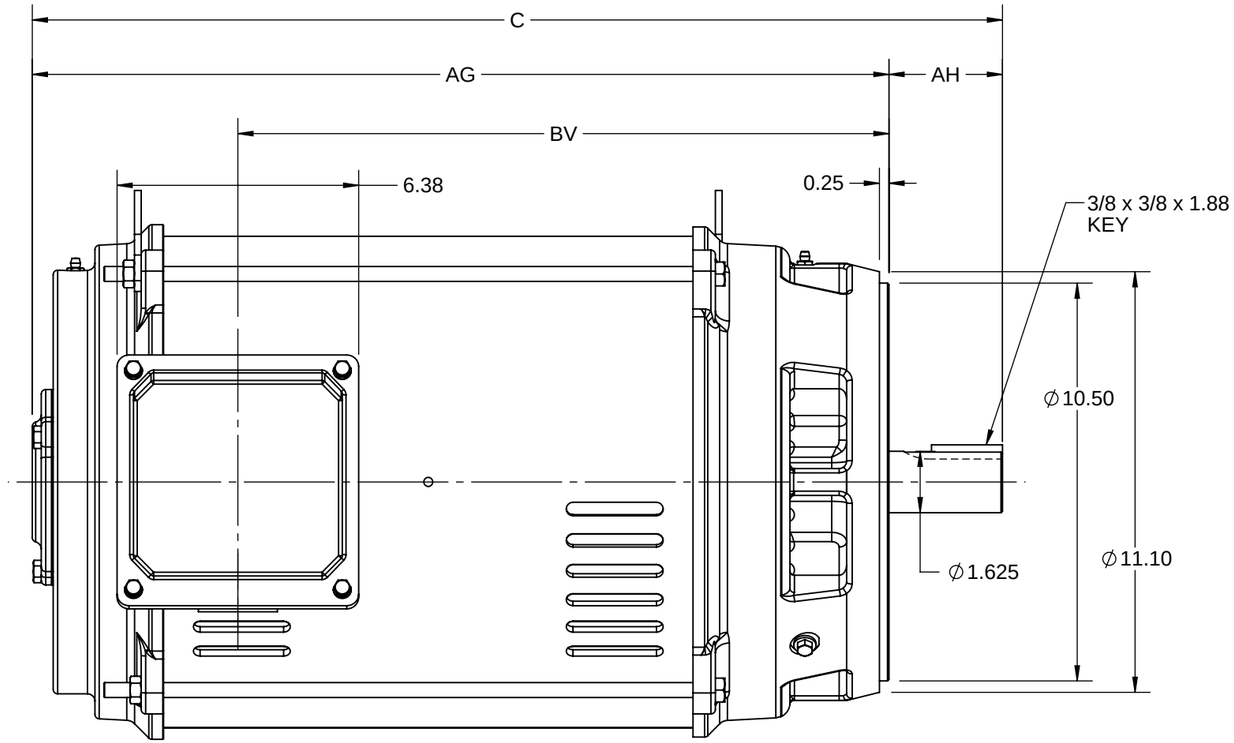
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Part Wdg Start Low Volt Only & Wye Start Delta Run Or Inverter**
Poles	**2**	Rotation	**Reversible**
Resistance Main	**.358 O**	Mounting	**Round**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**TS**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Variable 10:1**		

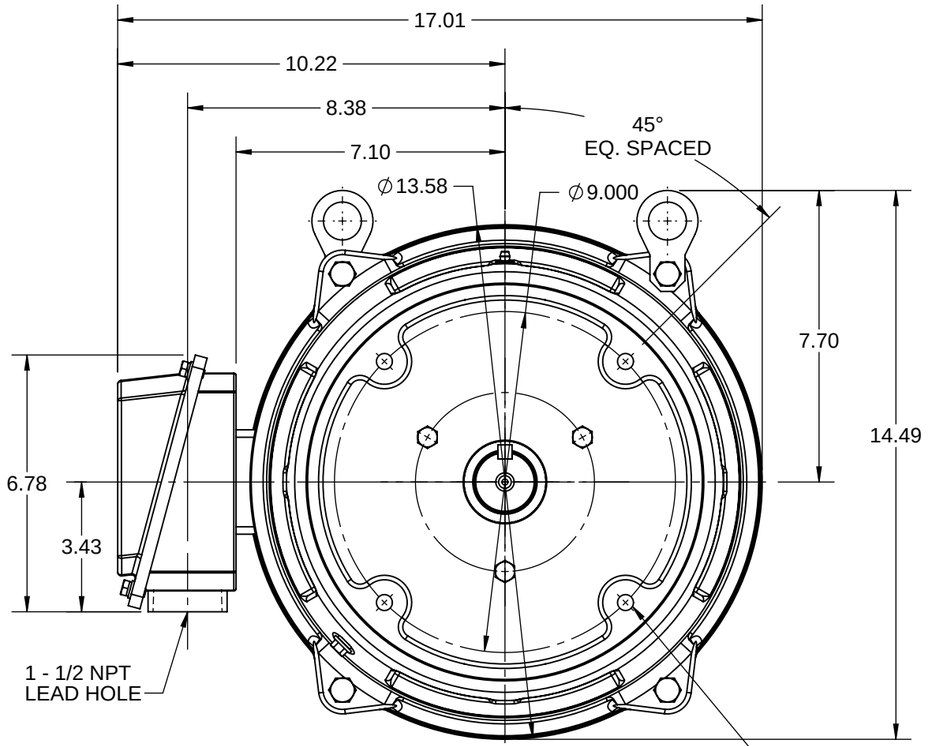
Drawings

Connection Drawing	**EE7308AA**	Outline Drawing	**SS621315-100**

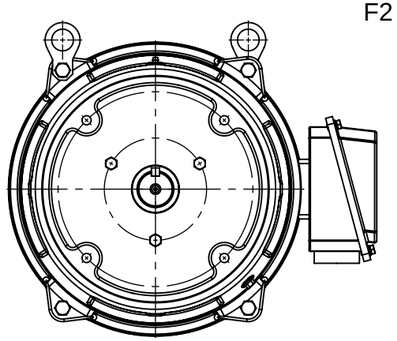
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DASH NO.	C	AG	AH	BV	MOUNTING	FRAME
100	24.23	21.24	3.00	15.80	F1 OR F2	284TSC
200	25.61	22.61		17.18		286TSC





F2 VIEW



DRAWING REVISION	REVISION BY	REV DATE/© DATE
B	SB	02/05/2026
REQUEST NUMBER	APPROVED BY	DATE
CR-0025279	RMS	02/05/2026

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

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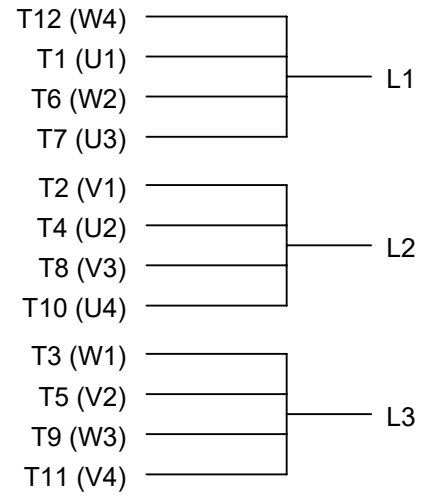
DRAWN BY	JP
DATE	07/05/2022
APPROVED BY	GNK
DATE	07/05/2022
REFERENCE	
THIRD ANGLE PROJECTION	

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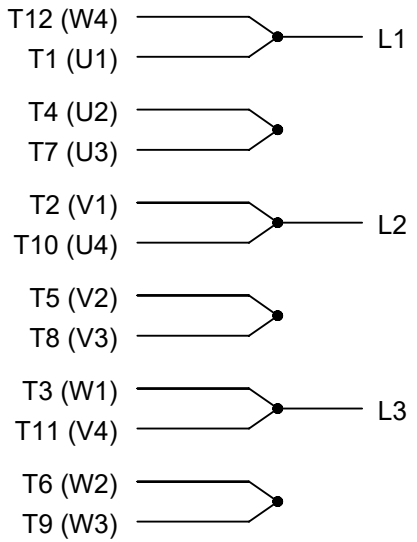
DESCRIPTION
OUTLINE
284/286TSC FR NEMA ODP RS - ROUND

MATERIAL | PROCESS/FINISH

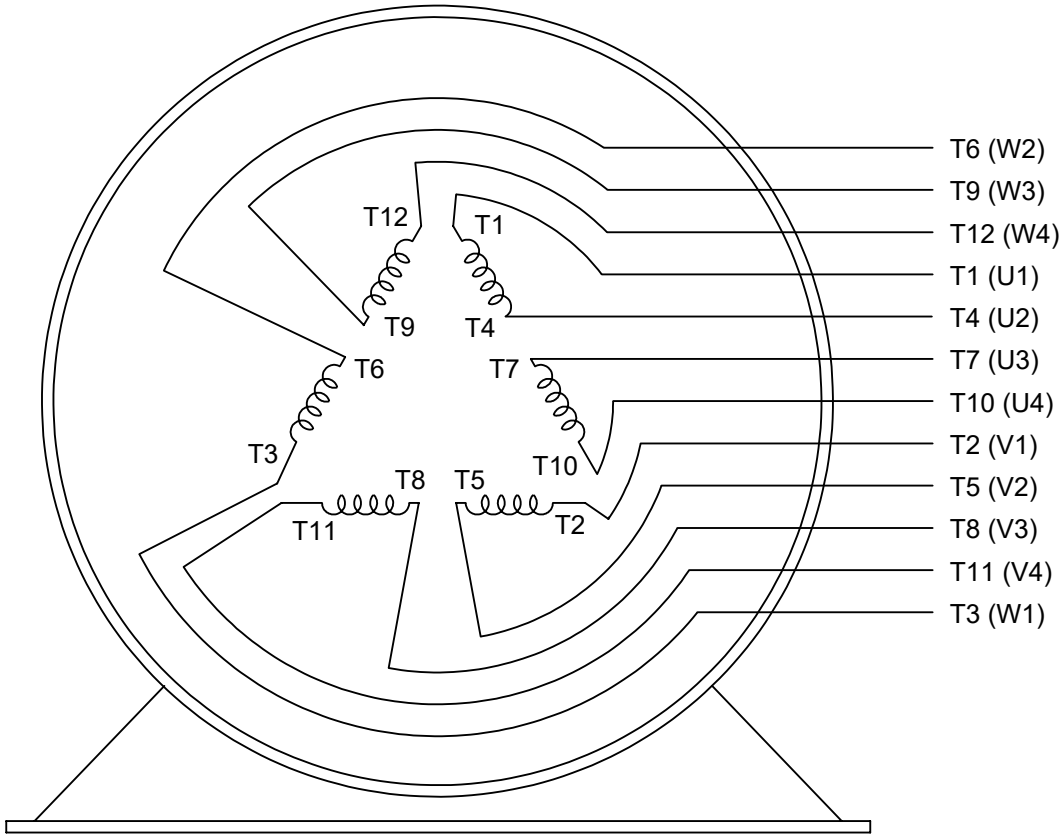
SIZE B | DRAWING NUMBER SS621315 | SHEET 1 OF 1



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION: L	REVISION BY: SB	REV DATE/© DATE: 08/01/2025	PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY: LZ	marathon™
REQUEST NUMBER: CR-0023654	APPROVED BY: SBD	DATE: 08/01/2025		DATE: 01-12-1994	
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED				APPROVED BY: GK	DESCRIPTION: CONN DIAGRAM-EXTERNAL 3Ø-2/1 DELTA-12 LEADS
				DATE: 01-14-1994	
				REFERENCE	MATERIAL / PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE: A / DRAWING NUMBER: EE7308AA / SHEET: 1 OF 1

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